

Commercial, Industrial, and Institutional Electric Lighting Fixture Manufacturing: 2002

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2002 Economic Census

Manufacturing

Industry Series



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U.S. Department of Commerce
Economics and Statistics Administration
U.S. CENSUS BUREAU



Table 1. Historical Statistics for the Industry: 2002 and Earlier Years

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry and year ¹	Com- panies ²	All estab- lish- ments ³	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expendi- tures (\$1,000)	
			Number ⁴	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)					
335122, Commercial, industrial, and institutional electric lighting fixture manufacturing	2002 ..	321	356	19 742	626 147	14 280	28 692	355 567	2 184 265	1 676 882	3 869 579	89 203
2001 ..	N	N	N	22 395	699 559	15 146	29 504	367 980	2 511 121	2 014 482	4 535 035	83 957
2000 ..	N	N	N	23 839	736 786	16 474	32 486	398 785	2 305 826	2 225 705	4 510 003	104 036
1999 ..	N	N	N	24 711	732 607	17 311	33 681	379 848	2 291 802	2 403 897	4 686 971	103 224
1998 ..	N	N	N	22 273	632 564	16 309	34 661	358 968	2 415 823	2 082 695	4 480 225	55 363
1997 ..	326	357	N	23 098	657 592	16 409	33 063	364 950	2 070 729	2 043 965	4 101 442	96 057

¹Statistics presented for years ending in 2 and 7 are census data. Interim census years are derived in a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures (ASM).

²For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

³Includes establishments with payroll at any time during the year.

⁴Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 2. Industry Statistics for Selected States: 2002

[States that are a disclosure or with less than 100 employees are not shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

Industry and geographic area	E ¹	All establishments ²		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
		Total	With 20 employees or more	Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
335122, Commercial, industrial, and institutional electric lighting fixture manufacturing												
United States	1	356	173	19 742	626 147	14 280	28 692	355 567	2 184 265	1 676 882	3 869 579	89 203
California	1	76	36	2 311	84 681	1 442	2 935	37 644	252 652	143 765	394 715	7 377
Colorado	—	4	3	223	8 613	103	193	2 433	42 250	19 836	62 133	1 047
Connecticut	—	7	6	394	14 130	255	495	5 663	35 753	21 111	56 517	823
Florida	7	15	2	146	4 246	109	220	2 685	9 671	6 968	16 648	528
Illinois	—	22	11	907	31 698	597	1 280	15 276	93 667	65 624	158 760	2 420
Massachusetts	—	10	6	1 179	40 850	979	2 250	30 318	126 850	96 731	222 573	2 910
Michigan	—	7	2	107	3 977	55	107	1 285	16 604	7 432	24 044	297
Missouri	—	7	7	538	18 263	396	798	10 304	45 080	37 279	82 741	2 253
New Jersey	—	20	10	1 014	35 796	676	1 477	17 477	122 985	105 833	226 731	2 310
New York	2	34	18	1 466	47 043	1 050	1 926	26 084	123 425	88 485	210 472	12 816
Pennsylvania	2	23	9	2 090	58 725	1 569	3 195	33 662	121 337	265 738	390 288	9 636
Tennessee	—	10	6	863	24 497	652	1 149	16 122	68 136	89 830	162 365	8 296
Texas	—	22	13	888	27 153	566	1 196	11 759	72 695	66 517	138 299	6 745

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1—10 to 19 percent; 2—20 to 29 percent; 3—30 to 39 percent; 4—40 to 49 percent; 5—50 to 59 percent; 6—60 to 69 percent; 7—70 to 79 percent; 8—80 to 89 percent; 9—90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 3. Detailed Statistics by Industry: 2002

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
335122, Commercial, industrial, and institutional electric lighting fixture manufacturing	
Companies ¹	number.. 321
All establishments ²	number.. 356
Establishments with 1 to 19 employees	number.. 183
Establishments with 20 to 99 employees	number.. 118
Establishments with 100 employees or more	number.. 55
All employees ³	number.. 19 742
Total compensation	\$1,000.. 769 043
Annual payroll	\$1,000.. 626 147
Total fringe benefits	\$1,000.. 142 896
Production workers, average for year	number.. 14 280
Production workers on March 12	number.. 14 425
Production workers on May 12	number.. 14 425
Production workers on August 12	number.. 14 507
Production workers on November 12	number.. 13 752
Production worker hours	1,000.. 28 692
Production worker wages	\$1,000.. 355 567
Total cost of materials	\$1,000.. 1 676 882
Materials, parts, containers, packaging, etc., used	\$1,000.. 1 506 801
Resales	\$1,000.. 124 901
Purchased fuels	\$1,000.. 8 077
Purchased electricity	\$1,000.. 19 122
Contract work	\$1,000.. 17 981
Quantity of electricity purchased for heat and power	1,000 kWh.. 275 967
Quantity of electricity generated less sold for heat and power	1,000 kWh.. 684
Total value of shipments	\$1,000.. 3 869 579
Primary products value of shipments	\$1,000.. 3 452 661
Secondary products value of shipments	\$1,000.. 230 282
Total miscellaneous receipts	\$1,000.. 186 636
Value of resales	\$1,000.. 185 670
Contract receipts	\$1,000.. D
Other miscellaneous receipts	\$1,000.. D
Primary products specialization ratio	percent.. 94
Value of primary products shipments made in all industries	\$1,000.. 4 033 684
Value of primary products shipments made in this industry	\$1,000.. 3 452 661
Value of primary products shipments made in other industries	\$1,000.. 581 023
Coverage ratio	percent.. 86
Value added	\$1,000.. 2 184 265
Total inventories, beginning of year	\$1,000.. 445 673
Finished goods inventories	\$1,000.. 138 979
Work-in-process inventories	\$1,000.. 63 031
Materials and supplies inventories	\$1,000.. 243 663
Total inventories, end of year	\$1,000.. 415 262
Finished goods inventories	\$1,000.. 131 420
Work-in-process inventories	\$1,000.. 62 158
Materials and supplies inventories	\$1,000.. 221 684
Gross value of depreciable assets (acquisition costs) at beginning of year	\$1,000.. 871 080
Total capital expenditures (new and used)	\$1,000.. 89 203
Buildings and other structures (new and used)	\$1,000.. 12 398
Machinery and equipment (new and used)	\$1,000.. 76 805
Automobiles, trucks, etc., for highway use	\$1,000.. 3 327
Computers and peripheral data processing equipment	\$1,000.. 8 470
All other expenditures for machinery and equipment	\$1,000.. 65 008
Total retirements	\$1,000.. 45 180
Gross value of depreciable assets at end of year	\$1,000.. 915 103
Depreciation charges during year	\$1,000.. 61 018
Total rental payments	\$1,000.. 38 364
Buildings and other structures	\$1,000.. 26 223
Machinery and equipment	\$1,000.. 12 141
Total other expenses ⁴	\$1,000.. 208 535
Response coverage ratio ⁵	percent.. 73
Repair and maintenance services of buildings and/or machinery ⁴	\$1,000.. 12 991
Communications services ⁴	\$1,000.. 5 276
Legal services ⁴	\$1,000.. 2 282
Accounting, auditing, and bookkeeping services ⁴	\$1,000.. 2 419
Advertising and promotional services ⁴	\$1,000.. 9 045
Expensed computer hardware and supplies and purchased computer services ⁴	\$1,000.. 3 282
Refuse removal (including hazardous waste) services ⁴	\$1,000.. 1 923
Management consulting and administrative services ⁴	\$1,000.. 2 960
Taxes and license fees ⁴	\$1,000.. 7 726
All other expenses ⁴	\$1,000.. 160 630

¹For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Based on Annual Survey of Manufactures (ASM) sample data.

⁵A response coverage ratio is derived for this item by calculating the ratio of the weighted employment (establishment data multiplied by sample weight) for those Annual Survey of Manufactures (ASM) establishments that reported to the weighted total employment for all ASM establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 4. Industry Statistics by Employment Size: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Employment size class	E ¹	All establishments ²	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)				
335122, Commercial, industrial, and institutional electric lighting fixture manufacturing											
All establishments	1	356	19 742	626 147	14 280	28 692	355 567	2 184 265	1 676 882	3 869 579	89 203
Establishments with—											
1 to 4 employees	7	86	205	5 863	149	291	3 745	17 629	8 597	26 227	817
5 to 9 employees	6	42	300	9 247	223	442	5 855	26 764	16 903	43 790	1 118
10 to 19 employees	4	55	772	26 216	499	1 011	13 645	68 921	45 015	114 593	2 232
20 to 49 employees	1	72	2 222	71 809	1 434	2 881	34 767	186 428	159 525	343 036	7 027
50 to 99 employees	—	46	3 147	105 316	2 041	4 127	50 883	290 792	201 355	491 979	7 932
100 to 249 employees	—	40	5 798	196 509	3 970	7 917	94 805	616 988	424 025	1 039 007	40 359
250 to 499 employees	1	10	3 533	104 132	2 928	5 922	75 903	529 026	414 451	946 236	17 087
500 to 999 employees	—	4	h	D	D	D	D	D	D	D	D
1,000 to 2,499 employees	—	1	g	D	D	D	D	D	D	D	D
2,500 employees or more	—	—	—	—	—	—	—	—	—	—	—
Administrative records ⁴	9	137	749	22 272	569	1 135	14 491	49 532	35 124	84 656	2 810

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. Data are also included in respective size classes shown.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 5. Industry Statistics by Primary Product Class Specialization: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry or product class code	Industry or primary product class	All establishments ¹	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number ²	Payroll (\$1,000)	Number ²	Hours (1,000)	Wages (\$1,000)				
335122	Commercial, industrial, and institutional electric lighting fixture manufacturing	356	19 742	626 147	14 280	28 692	355 567	2 184 265	1 676 882	3 869 579	89 203
3351221	Commercial and institutional-type electric lighting fixtures, including parts and accessories	174	16 893	533 964	12 385	24 765	307 398	1 969 869	1 496 052	3 474 124	79 616
3351222	Industrial-type electric lighting fixtures, including parts and accessories	34	1 871	63 755	1 181	2 496	30 985	142 349	134 322	277 010	6 041

¹Includes establishments with payroll at any time during the year.

²Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6a. **Products Statistics: 2002 and 1997**

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
335122	Commercial, industrial, and institutional electric lighting fixture manufacturing .....2002.. 1997..	N N	X X	X X	4 033 684 4 252 066
3351221	Commercial and institutional-type electric lighting fixtures, including parts and accessories .....2002.. 1997..	N N	X X	X X	3 169 232 3 295 582
33512211	Commercial and institutional-type electric lighting fixtures, including parts and accessories .....2002.. 1997..	N N	X X	X X	3 169 232 3 295 582
3351221100	Commercial and institutional-type electric lighting fixtures, including parts and accessories .....2002.. 1997..	186 211	X X	X X	3 169 232 3 295 582
3351222	Industrial-type electric lighting fixtures, including parts and accessories .....2002.. 1997..	N N	X X	X X	747 116 788 249
33512221	Industrial-type electric lighting fixtures, including parts and accessories .....2002.. 1997..	N N	X X	X X	747 116 788 249
3351222100	Industrial-type electric lighting fixtures, including parts and accessories .....2002.. 1997..	78 75	X X	X X	747 116 788 249
335122W	Commercial, industrial, and institutional electric lighting fixture manufacturing, nsk, total .....2002.. 1997..	N N	X X	X X	117 336 168 235
335122WY	Commercial, industrial, and institutional electric lighting fixture manufacturing, nsk, total .....2002.. 1997..	N N	X X	X X	117 336 168 235
335122WYWW	Commercial, industrial, and institutional electric lighting fixture manufacturing, nsk, for nonadministrative-record establishments .....2002.. 1997..	N N	X X	X X	34 743 62 028
335122WYWY	Commercial, industrial, and institutional electric lighting fixture manufacturing, nsk, for administrative-record establishments .....2002.. 1997..	N N	X X	X X	82 593 106 207

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6b. Product Class Shipments for Selected States: 2002 and 1997

[Product classes covered are those that are economically significant and whose production is geographically dispersed, provided dispersion is not approximated by data in Table 2. Also, product classes are not shown if they are miscellaneous or "not specified by kind" classes. Statistics for some states are withheld because they are either less than \$2 million in product class shipments or they disclose data for individual companies in 2002. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographic definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

NAICS product class code	Product class and geographic area	Value of product shipments (\$1,000)
3351221	Commercial and institutional-type electric lighting fixtures, including parts and accessories	
	United States	2002 .. 3 169 232
		1997 .. 3 295 582
	California	2002 .. 318 029
		1997 .. 456 726
	Colorado	2002 .. 43 901
		1997 .. 16 216
	Connecticut	2002 .. 53 400
		1997 .. 31 649
	Illinois	2002 .. 145 260
		1997 .. 349 386
	Massachusetts	2002 .. 169 434
		1997 .. 117 743
	Missouri	2002 .. 64 667
		1997 .. 76 852
	New Jersey	2002 .. 175 115
		1997 .. 196 264
	New York	2002 .. 150 260
		1997 .. 219 482
	Pennsylvania	2002 .. 275 945
		1997 .. 176 912
	Tennessee	2002 .. 126 392
		1997 .. 161 875
	Texas	2002 .. 103 504
		1997 .. 93 489
3351222	Industrial-type electric lighting fixtures, including parts and accessories	
	United States	2002 .. 747 116
		1997 .. 788 249
	California	2002 .. 60 806
		1997 .. 28 918
	Illinois	2002 .. 30 874
		1997 .. 9 085
	Massachusetts	2002 .. 12 170
		1997 .. N
	Missouri	2002 .. 27 094
		1997 .. 14 477
	New Jersey	2002 .. 35 629
		1997 .. 26 571
	New York	2002 .. 81 477
		1997 .. 64 842
	Pennsylvania	2002 .. 26 475
		1997 .. 24 237
	Tennessee	2002 .. 24 121
		1997 .. 25 903
	Texas	2002 .. 12 140
		1997 .. 26 639

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 7. Materials Consumed by Kind: 2002 and 1997

[Includes quantity and cost of materials consumed or put into production by establishments classified only in this industry. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Material code	Material consumed	Quantity	Delivered cost (\$1,000)
335122	Commercial, industrial, and institutional electric lighting fixture manufacturing		
00900001	Total materials	X	1 506 801
	.....2002..	X	1 891 315
	.....1997..	X	7 607
32521105	Plastics resins consumed in the form of granules, pellets, powders, liquids, etc.	X	15 737
	.....2002..	X	61 869
	.....1997..	X	66 287
32610013	Plastics products consumed in the form of sheets, rods, tubes, film, and other shapes	X	
	.....2002..	X	58 598
	.....1997..	X	72 244
32221001	Paperboard containers, boxes, and corrugated paperboard	X	409 836
33531100	Specialty transformers and fluorescent ballasts	X	546 146
	.....2002..	X	36 499
	.....1997..	X	88 612
33593101	Current-carrying wiring devices	X	
	.....2002..	X	47 734
	.....1997..	X	57 801
33511001	Electric lamp bulbs	X	8 212
32721101	Flat glass (plate, float, and sheet)	X	10 196
	.....2002..	X	16 265
	.....1997..	X	53 573
32610011	Fabricated plastics products (excluding gaskets)	X	
	.....2002..	X	13 890
	.....1997..	X	20 010
331000A7	Insulated wire and cable (including magnet wire)	X	45 325
33272203	Metal bolts, nuts, screws, washers, rivets, and other screw machine products	X	39 893
	.....2002..	X	10 217
	.....1997..	X	7 648
33299903	Metal poles	X	
	.....2002..	X	66 711
	.....1997..	X	88 087
33200027	All other fabricated metal products (excluding forgings)	X	16 989
33210000	Forgings	X	N
	.....2002..	X	N
	.....1997..	X	11 514
33151001	Iron and steel castings (rough and semifinished)	X	5 865
	.....2002..	X	
	.....1997..	X	
33152005	Aluminum and aluminum-base alloy castings (rough and semifinished)	X	34 374
	.....2002..	X	49 303
	.....1997..	X	
33152003	Other nonferrous metalcastings, rough and semifinished (excluding aluminum and aluminum-base alloy)	X	3 068
	.....2002..	X	2 351
	.....1997..	X	
33120016	Steel sheet and strip (including tinplate)	X	121 328
	.....2002..	X	N
	.....1997..	X	
33120025	Steel wire and wire products	X	15 791
	.....2002..	X	12 464
	.....1997..	X	
33120097	All other steel mill shapes and forms (excluding castings and forgings)	X	50 172
	.....2002..	X	64 313
	.....1997..	X	
33131500	Aluminum and aluminum-base alloy sheet, plate, foil, and welded tubing	X	43 166
	.....2002..	X	N
	.....1997..	X	
33131601	Aluminum and aluminum-base alloy extruded shapes (extruded rod, bar, pipe, tube, etc.)	X	15 866
	.....2002..	X	N
	.....1997..	X	
33100049	Other aluminum and aluminum-base alloy shapes and forms (excluding castings, forgings, sheet, plate, foil, welded tubing, extruded shapes, and fabricated metal products)	X	18 258
	.....2002..	X	D
	.....1997..	X	
33142111	Copper and copper-base alloy shapes and forms (excluding castings, forgings, and fabricated metal products)	X	5 637
	.....2002..	X	8 025
	.....1997..	X	
33100082	Other nonferrous metal shapes and forms (excluding aluminum and aluminum-base alloy and copper and copper-base alloy castings, forgings, and fabricated metal products)	X	2 588
	.....2002..	X	N
	.....1997..	X	
33512100	Lamp shades	X	1 838
	.....2002..	X	2 444
	.....1997..	X	
00970099	All other materials and components, parts, containers, and supplies	X	336 471
	.....2002..	X	D
	.....1997..	X	
00971000	Materials, ingredients, containers, and supplies, nsk	X	46 978
	.....2002..	X	58 873
	.....1997..	X	

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.